



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND
INTERFERENCES

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1621

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In re application of:

Pascal PENNETREAU et al.

Serial No. 08/549,322

Filed: October 27, 1995

For: PROCESS FOR THE PREPARATION OF
1-CHLORO-FLUOROETHANE AND/OR
1,1-DIFLUOROETHANE

Art Unit: 1621

Before: Kimlin, Waltz, Poteate

Atty. Docket No. 32232-144022

Customer No.



26694

PATENT TRADEMARK OFFICE

#38/AB

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AMENDMENT UNDER RULE 196(b)(1)

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

This paper is presented in response to the new ground of rejection advanced in the Board Opinion [Paper No. 37.]

Please amend the application as follows:

IN THE CLAIMS

Please amend Claim 1 to read as follows:

--1. (Amended) A process for the manufacture of 1-chloro-1-fluoroethane, 1,1-difluoroethane or mixtures thereof, with reduced formation of heavy halogen-containing side products, by reaction between hydrogen fluoride and vinyl chloride in the liquid phase, comprising

- (a) providing a liquid reaction mixture containing an organic solvent consisting of at least one saturated organic halogenated hydrocarbon so as to provide for dilution of said reactants by the halogenated hydrocarbon at all times of the reaction;
- (b) introducing said reactants into said liquid reaction mixture.--